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FILE 'HOME' ENTERED AT 16:37:57 ON 17 FEB 2005

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COST IN U.S. DOLLARS
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FULL ESTIMATED COST

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=> s (colloid? or dispersion or emulsion or suspension) and (organic solvent#) 147606 (COLLOID? OR DISPERSION OR EMULSION OR SUSPENSION) AND (ORGANIC SOLVENT#)

=> s l1 and (cellulose or chitin or polysaccharide#) 63077 L1 AND (CELLULOSE OR CHITIN OR POLYSACCHARIDE#) L2

=> s 12 and (microfibril# or microcrystal#) 1.3 642 L2 AND (MICROFIBRIL# OR MICROCRYSTAL#)

=> s l3 and (surfactant# or (stabilizing polymer#) or (co surfactant#)) 336 L3 AND (SURFACTANT# OR (STABILIZING POLYMER#) OR (CO SURFACTANT T₁4 #))

=> s l4 and ((aliphatic hydrocarbon#) or (aromatic hydrocarbon#) or (chlorine containing solvent#) or ketone# or (epoxide# or (polymeriz? vinylic?) or amine# or (alkyl acetate#) or ether# or aldehyde# or polyacid# or alcohol# or THF or DMF or DMAc or (mineral oil#) or (organic oil#))

UNMATCHED LEFT PARENTHESIS 'AND ((ALIPHATIC' The number of right parentheses in a query must be equal to the number of left parentheses.

=> s l4 and ((aliphatic hydrocarbon#) or (aromatic hydrocarbon#) or (chlorine containing solvent#) or ketone# or (epoxide# or (polymeriz? vinylic?) or amine# or (alkyl acetate#) or ether# or aldehyde# or polyacid# or alcohol# or THF or DMF or DMAc or (mineral oil#) or (organic oil#)))

2 FILES SEARCHED...

332 L4 AND ((ALIPHATIC HYDROCARBON#) OR (AROMATIC HYDROCARBON#) OR (CHLORINE CONTAINING SOLVENT#) OR KETONE# OR (EPOXIDE# OR (POLYM ERIZ? VINYLIC?) OR AMINE# OR (ALKYL ACETATE#) OR ETHER# OR ALDEH YDE# OR POLYACID# OR ALCOHOL# OR THF OR DMF OR DMAC OR (MINERAL OIL#) OR (ORGANIC OIL#)))

=> s 15 and (cationic or anionic or amphoteric) (w) surfactant# 110 L5 AND (CATIONIC OR ANIONIC OR AMPHOTERIC) (W) SURFACTANT#

=> s 16 and (quaternary ammonium) and (phophoric) 0 L6 AND (QUATERNARY AMMONIUM) AND (PHOPHORIC)

=> s 17 and (non floccul?) 0 L7 AND (NON FLOCCUL?)

```
=> s 17 and floccul?
L9
            0 L7 AND FLOCCUL?
=> s 17 and aggregat?
L10
        0 L7 AND AGGREGAT?
=> s 16 and aggregat?
           39 L6 AND AGGREGAT?
L11
=> s L11 and (BNA or (polyoxyethylene sorbitan trioleate) or (didecyidimethyl ammonium bromide))
L12
             0 L11 AND (BNA OR (POLYOXYETHYLENE SORBITAN TRIOLEATE) OR (DIDECYI
               DIMETHYL AMMONIUM BROMIDE))
=> s L5 and (BNA or (polyoxyethylene sorbitan trioleate) or (didecyidimethyl ammonium bromide))
             0 L5 AND (BNA OR (POLYOXYETHYLENE SORBITAN TRIOLEATE) OR (DIDECYI
               DIMETHYL AMMONIUM BROMIDE))
=> s L4 and (BNA or (polyoxyethylene sorbitan trioleate) or (didecyidimethyl ammonium bromide))
 6 FILES SEARCHED...
            0 L4 AND (BNA OR (POLYOXYETHYLENE SORBITAN TRIOLEATE) OR (DIDECYI
              DIMETHYL AMMONIUM BROMIDE))
=> s L11 and (glucan or xylan or mannan)
             4 L11 AND (GLUCAN OR XYLAN OR MANNAN)
=> d l15 1-4 ibib abs
L15 ANSWER 1 OF 4 USPATFULL on STN
ACCESSION NUMBER:
                      2005:10870 USPATFULL
TITLE:
                       Processes for producing coated magnetic microparticles
                       and uses thereof
INVENTOR (S):
                       Chen, Depu, Beijing, CHINA
                       Xie, Xin, Huhhot, CHINA
                       Zhang, Xu, Sichuan, CHINA
                       Sun, Baoquan, Shangdong, CHINA
                            NUMBER
                                     KIND DATE
                       -----
                    US 2005009002 A1 20050113
US 2004-472663 A1 20040903 (10)
WO 2002-US8798 20020320
PATENT INFORMATION:
APPLICATION INFO.:
                                              20020320
                             NUMBER DATE
                       -----
PRIORITY INFORMATION: CN 2001-109870 20010320
DOCUMENT TYPE:
                      Utility
FILE SEGMENT:
                      APPLICATION
LEGAL REPRESENTATIVE: MORRISON & FOERSTER LLP, 3811 VALLEY CENTRE DRIVE,
                     SUITE 500, SAN DIEGO, CA, 92130-2332
NUMBER OF CLAIMS:
                      50
EXEMPLARY CLAIM:
                      1
NUMBER OF DRAWINGS:
                       2 Drawing Page(s)
LINE COUNT:
                       1638
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB
      This invention relates generally to the field of production of coated
      magnetizable microparticles and uses thereof. In particular, the
      invention provides a process for producing coated magnetizable
      microparticles with active functional groups, which process uses, inter
      alia, conducting polymerization of said coating monomers on the surface
      of magnetic particle to form coated magnetizable microparticles with
      active functional groups in the presence of a coupling agent, coating
      monomers, a functionalization reagent, a cross-linking agent and an
      initiator in an organic solvent containing a
      surfactant. The coated magnetizable microparticles produced
      according to the present processes and uses of the coated magnetizable
```

microparticles, e.g., in isolating and/or manipulating various moieties

are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 2 OF 4 USPATFULL on STN

ACCESSION NUMBER:

2004:280771 USPATFULL

TITLE:

Fabric color care method

INVENTOR(S):

Trinh, Toan, Maineville, OH, UNITED STATES

Barnabas, Mary Vijayarani, West Chester, OH, UNITED

STATES

Smith, John William, Fairfield, OH, UNITED STATES

Tordil, Helen Bernado, West Chester, OH, UNITED STATES

PATENT ASSIGNEE(S):

The Procter & Gamble Company (U.S. corporation)

PATENT INFORMATION: APPLICATION INFO.:

US 2004220072 A1 20041104 US 2004-853390 A1 20040525 (10)

RELATED APPLN. INFO.:

Continuation of Ser. No. US 2001-807365, filed on 12 Apr 2001, PENDING A 371 of International Ser. No. WO

1999-US24925, filed on 22 Oct 1999, PENDING

NUMBER DATE

PRIORITY INFORMATION:

US 1998-105375P 19981023 (60)

DOCUMENT TYPE:

Utility

FILE SEGMENT: LEGAL REPRESENTATIVE:

APPLICATION
THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY

DIVISION, WINTON HILL TECHNICAL CENTER - BOX 161, 6110

CENTER HILL AVENUE, CINCINNATI, OH, 45224

NUMBER OF CLAIMS: EXEMPLARY CLAIM:

1 2927

LINE COUNT:

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB

The present invention relates to fabric care methods for restoring and/or rejuvenating color of worn, faded fabric, by applying to said fabric a fabric color care composition which comprises: water soluble and/or water dispersible polymers; surfactant capable of forming a bilayer structure; and mixtures thereof. Optionally, the composition can contain other ingredients to provide additionally fabric care benefits, and/or to improve performance and formulatability. The composition is preferably applied as small particle size droplets, especially from spray container which preferably are in association with a set of instructions for use.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 3 OF 4 USPATFULL on STN

ACCESSION NUMBER:

2003:298478 USPATFULL

TITLE:

Articles to aid the ironing of fabrics and methods of

use

INVENTOR(S):

Frankenbach, Gayle Marie, Cincinnati, OH, UNITED STATES

Trinh, Toan, Maineville, OH, UNITED STATES

Barnabas, Mary Vijayarani, West Chester, OH, UNITED

STATES

Corona, Alessandro, III, Mason, OH, UNITED STATES Shaw, John Henry, JR., Cincinnati, OH, UNITED STATES Smith, John William, Milford, OH, UNITED STATES Brown, Donald Ray, Middletown, OH, UNITED STATES Nijakowski, Timothy Roy, Mason, OH, UNITED STATES Hubesch, Bruno Albert Jean, Neerijse, BELGIUM Detzel, Gabrielle Holly Spangler, Cincinnati, OH,

UNITED STATES

Alwart, Todd Stephen, Cincinnati, OH, UNITED STATES

Candido, Anne Marie, Mason, OH, UNITED STATES

Bush, Stephan Gary, Sharonville, OH, UNITED STATES Collias, Dimitris Ioannis, Mason, OH, UNITED STATES Gregg, Ellis Bailey, Cincinnati, OH, UNITED STATES Bray, Earl, JR., Cincinnati, OH, UNITED STATES

PATENT ASSIGNEE(S): The P

The Procter & Gamble Company (U.S. corporation)

NUMBER KIND DATE -----

US 2003209686 A1 20031113 PATENT INFORMATION:

US 6652766 B2 20031125 APPLICATION INFO.: US 2002-307885 A1 20021202 (10)

RELATED APPLN. INFO.: Continuation of Ser. No. US 2000-634379, filed on 9 Aug

2000, GRANTED, Pat. No. US 6491840

DATE NUMBER

US 2000-182381P 20000214 (60) PRIORITY INFORMATION:

DOCUMENT TYPE: Utility FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY DIVISION, WINTON HILL TECHNICAL CENTER - BOX 161, 6110

CENTER HILL AVENUE, CINCINNATI, OH, 45224

NUMBER OF CLAIMS: EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS:

2 Drawing Page(s)

LINE COUNT: 6520

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

Polymer compositions, while providing suitable wrinkle control, also tend to dispense poorly when sprayed. The present invention shows that when viscosity of polymer compositions is minimized spray dispensing improves. Several approaches to minimizing the viscosity of polymer compositions are disclosed. Methods of controlling wrinkles in fabrics comprise treating fabrics with a variety of polymer compositions following a variety of methods. Articles of manufacture comprise (1) a container or substrate, (2) a wrinkle controlling composition, and (3) a set of instructions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 4 OF 4 USPATFULL on STN

ACCESSION NUMBER:

2002:325638 USPATFULL

TITLE:

Polymer compositions having specified PH for improved dispensing and improved stability of wrinkle reducing

compositions and methods of use

INVENTOR(S):

Frankenbach, Gayle Marie, Cincinnati, OH, United States

Trinh, Toan, Maineville, OH, United States

Barnabas, Mary Vijayarani, West Chester, OH, United

Corona, III, Alessandro, Mason, OH, United States Shaw, Jr., John Henry, Cincinnati, OH, United States Smith, John William, Milford, OH, United States Brown, Donald Ray, Middletown, OH, United States Nijakowski, Timothy Roy, Mason, OH, United States Hubesch, Bruno Albert Jean, Neerijse, BELGIUM Detzel, Gabrielle Holly (Spangler), Cincinnati, OH,

United States

Alwart, Todd Stephen, Cincinnati, OH, United States

Candido, Anne Marie, Mason, OH, United States

Bush, Stephan Gary, Sharonville, OH, United States Collias, Dimitris Ioannis, Mason, OH, United States Gregg, Ellis Bailey, Cincinnati, OH, United States

Bray, Earl, Cincinnati, OH, United States

PATENT ASSIGNEE(S): The Procter & Gamble Company, Cincinnati, OH, United

States (U.S. corporation)

NUMBER KIND DATE US 6491840 B1 20021210 US 2000-634379 20000809 (9) PATENT INFORMATION: APPLICATION INFO.:

NUMBER DATE

-----PRIORITY INFORMATION: US 2000-182381P 20000214 (60) DOCUMENT TYPE: FILE SEGMENT:

Utility GRANTED

PRIMARY EXAMINER:

Green, Anthony J.

LEGAL REPRESENTATIVE:

Camp, Jason J., Zerby, Kim William, Miller, Steve W.

NUMBER OF CLAIMS: EXEMPLARY CLAIM:

24

NUMBER OF DRAWINGS:

2 Drawing Figure(s); 2 Drawing Page(s)

LINE COUNT:

6197

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB

Polymer compositions, while providing suitable wrinkle control, also tend to dispense poorly when sprayed. The present invention shows that when viscosity of polymer compositions is minimized spray dispensing improves. Several approaches to minimizing the viscosity of polymer compositions are disclosed. Methods of controlling wrinkles in fabrics comprise treating fabrics with a variety of polymer compositions following a variety of methods. Articles of manufacture comprise (1) a container or substrate, (2) a wrinkle controlling composition, and (3) a set of instructions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.